

21st Century Learning



Barrington Elementary
Presented by Andrea Lusk

Strategic Plan 2009-2014

Strategy 2:

We will develop and implement a systemic plan to embed and support twenty-first century skills in all areas.

Specific Result 3: The 21st Century Advisory Committee will create and communicate a vision for the district's implementation of 21st century skill integration.

Barrington members: Pam Yoder, Kathy Siebert, Caren Wildman, Shelly Main, and Debbie Gibson

A Brief History of the 21st Century Skills Movement

Industry
approaches
ISTE about
workforce
readiness

1996

Partnership for
21st C. Skills:
new skills needed

2002

Friedman: The
World is Flat

2006

1996

ISTE writes National
Tech Standards for
students

2006

Time Magazine:
Bringing Schools
Out of the 20C

2008

Wagner: The Global
Achievement Gap

Bottom Line

21st century technologies=global workforce + global economy

According to industry, American students need a certain set of skills to be competitive in a global workforce.

American educators must purposefully and intentionally teach these 21st century skills.

21st Century Advisory Committee

September 29, 2009

- Ken Kay presented an overview of 21st century skills.
- The Advisory Committee considered 3 questions:
 1. What are the 2-3 biggest changes in society over the last 25-30 years?
 2. What are the important skills your students will need to address these changes?
 3. How intentional is your school district in helping your students develop these skills?

Barrington teachers considered these questions during the 10/20/09 faculty meeting.

Partnership for 21st Century Skills

October 22, 2009

- Ohio becomes the 14th state to join the Partnership for 21st Century Skills (P21).
- Governor Strickland, Superintendent DeLisle, and the OEA all back the initiative.
- Ohio is designated as a P21 Leadership State.

Partnership for 21st Century Skills: <http://www.p21.org/>

21st Century Skills Coaches

September 29 to December 11, 2009

Crosswalks:

- Progressive Education
- P21
- U.A. Courses of Study
- O.D.E.
- Metiri
- ISTE
- IB MYP
- PLCs
- Align, Assess, Achieve
- Catalina Foothills S.D.

(not an exhaustive list)

21st Century Advisory Committee

January 14 to April 28, 2010

A 21st Century Learner in Upper Arlington is a...

- Complex Thinker
- Communicator
- Self-Directed Individual
- Collaborator
- Creative Thinker and Innovator
- Global Citizen

Core Content

Literacies:
Information
Media
Technology

Barrington's Journey

2009-2010 School Year

- 11/3: Introduction to data collection using *Numbers*
- 11/4: Data analysis, data collection, and goal setting
- 12/1: Media Literacy presentation by Carol, Betsy, M.H., and Christie
- 1/26: Tech Cafe'
- 2/23: Teacher and Coach Collaboration Day
- Spring: 21st Century Lessons & the Barrington Dedication

And units and lessons that infused 21st century skills...

Barrington's Journey

2010 - 2011 School Year

- **10/18:** Complex Thinking Professional Development Day
 - Ken Kay - Introduction to 21st Century Skills
 - Teacher Led Sessions, Grade Level/PLC work
- **October and March:** Tech Cafe' sessions
- **February:** Early Release "Deep Dive" - What does Complex thinking look like within the structure of the Workshop Model?
- **All Year:** Teachers participated in the CT Rubric Pilot
- **Winter & Spring:** Teacher and Coach collaboration/ planning time

What's Next?

- ◆ Completed April and May Early Releases
 - ◆ Continue the Unit Development incorporating Complex Thinking & the Workshop Model
- ◆ Fall: Roll-out Complex Thinking Rubric
- ◆ 2011 - 2012 Professional Development & Early Releases

What does 21st Century Learning look like?



Communication



Creativity



Collaboration



Reflection



Complex Thinking

